ISSUE SLIP STAPLE ARE for additional cross references)

POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION	Danel		08.05.01
O.I.P.E. CLASSIFIER		(Ze)	57/0
FORMALITY REVIEW	TH	1118	9-6-01
RESPONSE FORMALITY REVIEW	SA	1031	11503

## . INDEX OF CLAIMS

V	Rejected	N	Non-elected
	Allowed	1	Interference
	(Through numeral) Canceled	Α	Appeal
	Restricted	0	Objected

												_	Ctaim Date								_	1	Cla	T	Date												
ĺ	Cle	$\overline{}$	_ 1	· 1	_		Dati	B (		_		⊣	-	T	<del>" </del>	_	т	_	$\vec{}$	72.0	<u> </u>	_	_	_		۳	_	_	_	Т	٦,	T	-	Т	$\overline{}$	_	┨
ż	Final	Ortginal	14/2	1170S									1	rinai	Original						١					Final	Original	-		1							
١	=	2			7	Ш	-		$\dashv$	-		$\dashv$	- 1			╁	+	+	+	+	+	+	+	+		۳	101	+	+	┪	$\dashv$	+	+	+	╅	╫	┨
		Ø		3		Щ	-		_		-	긕	⊢		51	4	+	+	+	-+	+	+	$\dashv$	+	1	$\vdash$	102	+	╅	ᆉ	-	+	+	-+	+	+	┥
	23		Z	T	_	Ш	4	4	_			4	-		53	+	+	+	+	+	+	+	+	+	ł	$\vdash$	103	+	+	+	+	+	+	+	+	┿	4
		3	Ŋ	Ш		Н	_	_		_	_	4	⊢			$\dashv$	+	-+	+	+	+	+	$\dashv$	┿	1	-	104	+	+	┥	-1	-+	+	+	+	+	┥
	3	4	_	Н		Н	_	_				$\dashv$	-		54 55	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	+	╁	ł	-	105	+	+	┪	┪	┰	+	$\dashv$	+	+	$\dashv$
:	5	5	A	Н	ш	Н	_		-	-	-	$\dashv$	-	_	56 56	+	-+	+	+	-+	+	$\dashv$	+	+	ł	$\vdash$	106	+	-+	+	┪	-+	╅	┪	╅	+	$\dashv$
	16		٧	Н	L	Н	_	_	_		$\dashv$	$\dashv$	  -	_	57 57	+	+	-	$\dashv$	-	$\dashv$	$\dashv$	-1		ł	-	107	-+	+	+	-	$\dashv$	+	┪	+	╅	┥
•	7		/	Н	<u> </u>	Н	Щ	Н	$\vdash$			-4	⊢		58	+	-+	$\dashv$	╛	-	+	+	$\dashv$	+	1	$\vdash$	108	+	┪	┪	┪	-	+	-+	+	+	Ⅎ
	8		0	Н	H	Н	$\dashv$		-	-	Н		<u> </u>	_	59 59	+	+	+	+	+		$\dashv$	┪	+	┨	$\vdash$	109	╅	-	+	-	$\dashv$	+	+	$\dashv$	$\dashv$	٦
	9	9	ره	4	-	Н	$\dashv$	-	-	_	Н	{	⊢	_	50 50	+	$\dashv$	+	$\dashv$	+	-+	+	┪	+	1	$\vdash$	110	┪	-+	┪		7	-+	1	┪	+	┨
	10	10	⊿	Н	_	H		Н		$\dashv$	Щ	$\dashv$	·		61	+	┥	$\dashv$	+	-+	┥	+	-	+	┨	$\vdash$	111	$\dashv$	+	┥		$\dashv$	-	-	┪	$\dashv$	┨
1	=	11	4	Н	$\vdash$	Н	_	_	_	_	Н	$\dashv$	-	_	52	+	-+	+	+	+	┥	-	-	+	1	-	112	$\dashv$	┪	-	$\dashv$	-	-+	-+	+	+	ᅥ
	12	12 13	Y)	Н	$\vdash$	Н	$\vdash$	$\vdash$	H	Н	Н		H	- 1	63	$\dashv$	-+	+	$\dashv$	-	-	+	-	+	┨	<b>-</b>	113	+	+	ᅱ	-	┪	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$
i			<b>\</b>	Н	<b>!</b>	$\vdash$	Н	H	Щ	Н	Н		<b> </b> -	_	64 64	+	+	-	+	+	-	+	-		1	$\vdash$	114	$\dashv$	-	-	-	-	+	┪	+	+	ᅱ
		3	. [1]	Н	<u> </u>	-	H	Н	Щ	Н	Н	Н			65 65	-	-	-	-	-	-	$\dashv$	ᅱ	-	1	$\vdash$	115	-+	┥	-	$\dashv$	-	┪	ᅥ	+	$\dashv$	ㅓ
٠.		15	•	Щ	<u>-</u> -	$\vdash$	Н	Н	Н	Н	Н	Н	-		66 66	+		$\dashv$	+	-	$\dashv$	-	-	+	┨	$\vdash$	116	-+	-	$\dashv$	$\dashv$	$\dashv$	┪	-	$\dashv$	+	ㅓ
		16		Н	<u> </u>	Н	Н	Н	Н		Ш		¦ ⊦		87	-	-	⊣	-	$\dashv$	-	-	$\dashv$		-	$\vdash$	117	$\dashv$	⊣	-	-	-	-	$\dashv$	Ħ	_	ヿ
		17	1.	Н	├	┝	Н	H	H	Н	Н		-		68	-	-	┥	$\dashv$	+	┰┤	┪	╗	+	┨	$\vdash$	118	H	$\dashv$	$\dashv$		$\vdash$	-1	-	$\dashv$	$\dashv$	ᅱ
٠.		18		4	Ŀ	┞	_	L	Н	ш	Н	Н	<b> </b> -	_	69	+	-	$\dashv$	-1	-	┥	-	┥	+	-	$\vdash$	119	Н	-		$\neg$	-	-		-	$\dashv$	┪
	ৰ		V	4	┡	<b>!</b>	-	Щ	Щ		ш	Н	<b> </b>	_	1	-	$\dashv$	-	-		⇥	-		+	-	┢	120	Н	$\dashv$			-	$\dashv$	-		$\dashv$	ᅱ
-	20	20	2		L	<u> </u>			L				. L	_	70	_	_	_	_	_	_	_	_	4	1	-	_	$\vdash$	_	Щ	Н	Н		_	Н	$\dashv$	ᅱ
- [-		21	?:	Ŀ		乚			_		Щ	Ш	l L		71	_	_	_		4	_		_		4	$\vdash$	121	Н	$\dashv$			Н	-	_	Н		$\dashv$
7		22		L	<u> </u>	L	Щ	Ш			L	Ш	l l		72	_		_	_	_	4		4		4	$\vdash$	122	Н	_		Н	H	$\dashv$	_	Н	$\vdash$	-
F		23		L	┞-	ᆫ		Ш	L	Ш	Ц	Ш			73						4	-1	_		4	$\vdash$	124	Н		Н	Н	$\vdash$	Н	_	H	┝╾┥	-
	Щ	24	_	_	<u> </u>	L	L.	L	L	_	L	Н	l		74			4	4		∸	-		+	-	$\vdash$		Н	_			H			Н		_
	L	25		_	<u> </u>	-	L	<u> </u>	_	Щ	Ш	Ŀ	l		75	4		_	4	$\vdash$	-	-		+	-	$\vdash$	125	Н		-	⊢	$\vdash$	Н	Н	Н	Н	_
	L	26	Ш	L.	ļ_	_	L.	<u> </u>	Ļ_	_	_	L.	-	_	76	4	-	-		Н		$\dashv$	$\vdash$	-	4	┝	126	┨	-	⊢	H	-	Н	<u> </u>	Н	Н	_
	Ш	27	Щ	L	┡	┡	Ш	<u> </u>	↓_			L			77	-	-			Н		-		-	-{	$\vdash$	126	Н	_	H	-	-	Н	-	-	Н	М
	Ш	28		ļ_	L	↓_	_	_	<b> </b> _	_	<u> </u>	_	lŀ		78 79	_		Н		Н	_		-		┨	-	129	H	_	-	-	⊢	Н	<del> -</del>	├─	Н	-
	L	29	L.	<u> </u>	1_	<u> </u>	_		<u> </u>		<u> </u>	_	l ⊦			-	긕	Н	_		$\dashv$		-	$\vdash$	4	┝	130		_	⊢	┝	-	Н	-	-	Н	-
	Щ	30	_	L	┞-	┞-	┡	<u> </u>	<b>├</b>	_	L	⊢	}		80		_	Н			$\dashv$	_	_	+	4	┝	-	Н	_	-	┝	⊢	┝╌	-	├	Н	<u></u>
		31	ļ	_	┞-	╄	<u> </u>	_	<b>├</b>	<b> </b> _	⊢	ļ	<b>!</b>		81	$\dashv$	-	Н	_		-	$\dashv$		-	-	$\vdash$	131	Н	_	┝	-		┝╌	-	╌	Н	H
	<u> </u>	32	<u> </u>	┡	↓_	↓_	_	<u> </u>	┞	┡		_	1		82	$\dashv$	-	Н	_	-	-	$\vdash$		-	┨	$\vdash$		-	-	-	-	-	-	-	┢	Н	Ι-
•	ļ	8	<b> </b> _	_	1	╄	<u> </u>	<u> </u>	├-	-	⊢	<b> </b>	}		83 84	-	$\dashv$	Н	Ц	Н	H	_	_	-	┨	$\vdash$	133		-	-	$\vdash$	├-		-	┝╌	┞┈	H
	<b> </b> -	34	<b>!</b> -	┞	├-	╀	<del> </del>	$\vdash$	├	-	⊢	-			85	$\dashv$	Н	Н	Н	Н	Н	$\dashv$	Н	+	-	-	139			$\vdash$	$\vdash$	۲	<del> -</del>	$\vdash$	$\vdash$	Н	$\vdash$
•	<u>-</u> -	35 36	<b> </b> _	-	⊢	+-	⊢	-	├-	-	⊢	-	{		85 86		Щ	$\vdash$	Н	Н	-	$\vdash$	H	-	┨	-	130			├	⊢	┢	┝	┢	├~~	+-	┢
	<b> </b>	_	├-	-	┡	╀-	ــــا	ļ	$\vdash$	⊢	-	-	{		87	4		Н	Н	Н	Н	Н	Н	$\vdash \vdash$	-	-	137	11	-	-	<del>  -</del>	╁╴	$\vdash$	-	╁	-	<u> </u>
	<b>J</b>	37	⊢	-	├-	╀	1	⊢	├-	⊢	⊢	$\vdash$	{		88	-	-	Н		Н	$\vdash$		Н	⊢┼	4	$\vdash$	136			$\vdash$	┢	┢	$\vdash$	Н	╁╴	╁╴	Η
	$\vdash$	98	<b> </b>	⊢	⊢	╀	$\vdash$	H		-	╀	-	{ }	-	89	Н	H	Н		Н	Н	H	Н	⊢∔	┨	$\vdash$	139		$\vdash$	$\vdash$	+	$\vdash$	$\vdash$	╁	╁╴	✝	$\vdash$
	-	39	-	ļ,-	╀	╀	├-	├-	┼-	⊢	-	-	1 }	-	90	Н	$\vdash$	Н	Н	$\vdash$	Н	$\vdash$	$\vdash$	┝┼	$\dashv$	$\vdash$	140	-	-	$\vdash$	╁	╁	$\vdash$	$\vdash$	+	✝	t
	<u></u>	ĝΟ	<u> </u>	ľ-	<del> </del>	+	⊢	├-	⊢	├-	-	┞-		_		$\vdash$	-			Н	Щ		-	┝-┼	4	$\vdash$	14	1-1	<u> </u>	├	┢	$\vdash$	<del> </del>	+-	+-	$\vdash$	$\vdash$
	L	41	L	▙	1	L	<u> </u>	<u> </u>	╙	↓_	L	1		_	91	_	L	<u> </u>	L	-	Ш	_	_	$\vdash$	4			H	-	⊢	⊢	╀	$\vdash$	├-	╀	╁	+
	$\vdash$	42	!	$\vdash$	┡	↓	-	┡	╙	<u> </u>	┡	┞		_	92		L	L		L		_	<u> </u>	$\vdash \vdash$	4	$\vdash$	14	1	<u> </u>	-	╀	╀	$\vdash$	-	╀	$\vdash$	-
	$\vdash$	43	<u> </u>	<u> </u>	Ļ	╀	┞	┡	↓_	₽	┡	┡	1 1	_	93	Н	$\vdash$	L	_	L	L	<u> </u>	-		4	L	14	]_	<u> </u>	⊢	╀	╀	-	╀	╀	H	╁
	<u></u>	44	_	L	1	↓	↓_	┞-	ــــ	┡	۲.	┡	1	4	94	بر	-	_	<u> </u>	<u> </u>	L	_	_	$\vdash \vdash$	4	Ļ	14		<u> </u>	$\vdash$	╀	╀	<del> </del> −	╀	╀	╁	-
	$\vdash$	45	$\vdash$	1	$\vdash$	╄	⊢	↓_	┞-	-	1	1	<b>↓                                    </b>	_	95	<b>-</b>		<u> </u>	<u> </u>	$\vdash$	<u> </u>	<u> </u>	L	$\vdash \vdash$	4	$\vdash$	14	_	⊢	+	╀	⊢	$\vdash$	╀	╀╌	+	$\vdash$
	<u></u>	48	<u> </u>	┺	╀	╄	┞-	1	1	┞	╄	┞-	{	_	96	!	<u> </u>	<u> </u>		$\vdash$	<b> </b>	<u> </u>	L	$\vdash$	4.	$\vdash$	141		⊢	╀	╀	╀	⊢	╀	╀	+-	╁
	<u></u>	47	<b> </b> _	1	╀	┺	▙	<del> </del>	1	$\vdash$	╄	⊢	<b>↓  </b>		97	<u> </u>	<u> </u>		_	<b> </b>	<b> </b> -	L	<del> </del>	<del>                                     </del>	4	F	14		-	╀	╀	-	╀	╀	╀	+	╁
	<u> </u>	48	⊢	↓_	╄	┺	┡	↓_	+	$\vdash$	╀-	╄	1	_	98	<u> </u>	├-	<b> </b> -	_	⊢	<u> </u>	<u> </u>	$\vdash$	₩.	4	$\vdash$	14	-	├-	╀	╀	╀	╀	╀	╀	+	╁
	-	49	┡	┞-	╀-	╄	┞-	ļ.,	1-	<b>├</b>	╀	⊢	, l		99	<u> </u>	-	<b> </b>	<u> </u>	Ь-	⊢		⊢	╁╌╁╴	4	-	14		-	-	╀	╀	⊢	⊢	╀╌	╁	╁
	1	50	1	1	1	L	L_	1	L	1	ł	1	ı		100	ı	ı	ı	l	ı	ı	ı	Ι.	oxdot	1	L	150	4		1	1_		1_	1_	1_	1_	_

J-# 8/6

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)

## This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

M BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
COLOR OR BLACK AND WHITE PHOTOGRAPHS
GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
□ OTHER:

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.